

HARI VIDYA BHAWAN
Worksheet - 2
Class-IX
Subject- Science
Session- 2020-21
Ch- 5 The fundamental unit of life

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Shape of Cell:-

- No fixed shape eg- Amoeba
- Different cells have different shape. Eg- Parenchyma cells, egg cells are oval shaped and goblet cells are cone shaped.

Size of cell:-

- Prokaryotic cells 1-10 μ m.
- Eukaryotic cells 5-100 μ m.
- Smallest plant cell – Duckweed
- Smallest animal cell – Mycoplasma (PPLO)
- Largest plant cell – Ovules of cycas
- Largest animal cell – Ostrich's egg
- Longest cell – Nerve cell in humans

Practice Questions:-

Q.1 Give an example of an animal whose cells have not a fixed shape?

Q.2 Name a smallest animal cell.

Q.3 An ostrich egg is the _____ animal cell.

Q.4 Name the largest plant cell.

Q.5 The longest cell in the human body is-

- (a) Liver cell (b) Egg Cell (c) Nerve cell (d) Muscle cell.